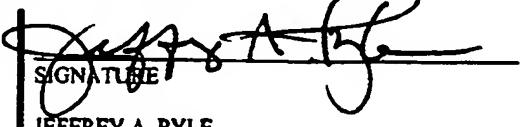


07-09-04 DTO2 Rec'd PCT/PTO 08 JUL 2004 PCT

|  |  |  |
|--|--|--|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br>(REV. 01-2003)  |  | ATTORNEY'S DOCKET NO.<br>2088.006300   |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>Unknown <b>10/501 125</b> |
| <b>INTERNATIONAL APPLICATION NO.</b><br><b>SI/GB 03/ 00050</b>   | <b>INTERNATIONAL FILING DATE</b><br><b>January 9, 2003</b> | <b>PRIORITY DATE CLAIMED</b><br><b>January 11, 2002</b>                      |
| <b>NAME OF INVENTION</b><br><b>METHOD AND APPARATUS FOR PROCESSING SEISMIC DATA</b>  |  |  |
| <b>APPLICANT(S) FOR DO/EO/US</b><br><b>JOHAN O. A. ROBERTSSON AND JAMES E. MARTIN</b>  |  |  |
| Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |  |  |
| <small>Replies to Ref. No. 03/29/2005 DBATES 0008281500<br/>DAA: 500766 Name Number: 1030125<br/>FC: 9204 <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</small>  |  |  |
| <ol style="list-style-type: none"> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> </ol>  |  |  |
| <small>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).<br/>7/16/2004 9:40 AM ATARRA, 00000032-10501125<br/>3 FC 1616 <input checked="" type="checkbox"/> Other items of information: Copy of Published PCT Application and Postcard</small>   |  |  |

**CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. § 1.10**  
**No.: EV 336 539 696 US**

| U.S. APPLICATION NO. (OR PCT/PTO NUMBER) <b>107501 125</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/GB02/02774  | ATTORNEY'S DOCKET NUMBER<br>1086.003900 |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
|--|--------------|--|---|--------------|------|--------------|-----------|----|------------|--------------------|---------|---|------------|--|--|--|------------|--|--|--|----------|-----------|--|
| <p><input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE</b> (37 CFR 1.492 (a) (1) - (5)): \$454<br/>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00</p> |              | <b>CALCULATIONS PTO USE ONLY</b>   |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |              |  |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
|  |              | \$920.00   |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              | \$0.00   |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>35 - 20 =</td> <td>15</td> <td>x \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$ 86.00</td> </tr> <tr> <td colspan="2"><b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b></td> <td></td> <td>+ \$290.00</td> </tr> <tr> <td colspan="2"></td> <td></td> <td>\$290.00</td> </tr> </tbody> </table>  |              | CLAIMS   | NUMBER FILED                            | NUMBER EXTRA | RATE | Total claims | 35 - 20 = | 15 | x \$ 18.00 | Independent Claims | 2 - 3 = | 0 | x \$ 86.00 | <b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b> |  |  | + \$290.00 |  |  |  | \$290.00 | \$1480.00 |  |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE                                    |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| Total claims   | 35 - 20 =    | 15   | x \$ 18.00                              |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| Independent Claims   | 2 - 3 =      | 0  | x \$ 86.00                              |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>   |              |  | + \$290.00                              |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
|  |              |  | \$290.00                                |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              | +<br><b>SUBTOTAL =</b> \$1480.00   |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <b>TOTAL NATIONAL FEE =</b>  |              | \$1480.00  |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |              | \$0.00   |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <b>TOTAL FEES ENCLOSED =</b>   |              | \$1480.00  |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
|  |              | <b>Amount to be refunded:</b>  | \$ .00                                  |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
|  |              | <b>Charged:</b>  | \$ .00                                  |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> A check in the amount of \$1480.00 to cover the above fees is enclosed.</li> <li>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</li> <li>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0786/2088.006300/JAP.</li> <li>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</li> </ul>   |              |  |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p>  |              |  |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
| <p>SEND ALL CORRESPONDENCE TO:<br/>CUSTOMER NUMBER: 23720</p> <p>Jeffrey A. Pyle<br/>WILLIAMS, MORGAN &amp; AMERSON<br/>10333 Richmond, Suite 1100<br/>Houston, TX 77042<br/>(713) 934-4053<br/>Date: January 20, 2004</p>   |              |  |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |
|    |              | <p><b>SIGNATURE</b><br/><u>JEFFREY A. PYLE</u><br/><b>NAME</b><br/><u>34,904</u><br/><b>REGISTRATION NUMBER:</b></p> |   |              |      |              |           |    |            |                    |         |   |            |  |  |  |            |  |  |  |          |           |  |